

JC04 'd PCT/PTO 26 JUL 2005

App. No.: 10/523,985  
Applicant: Tetsuji ZAMA et al.  
Filed: August 8, 2003  
TC/A.U.: To be assigned  
Examiner: To be assigned  
Title: PROCESS FOR PRODUCING CONDUCTIVE POLYMER  
Docket No.: 3103-110  
Customer No.: 52190

Confirmation No. 1325

11/4

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35**  
**U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**  
**(DO/EO/US)**

**Mail Stop NOMP**

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to a Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), response copy attached, a Declaration and Power of Attorney identifying the above-referenced application by Serial Number and Filing Date is being herewith submitted. Also attached is a Credit Card Payment Form for the following fees:

\$ 65.00 (Fee under 37 C.F.R. 1.492(e)) (Small Entity)  
\$ 40.00 (Recordation Cover Sheet)  
\$200.00 (Search Fee) (Small Entity)  
**\$305.00 TOTAL**

07/23/2005 11:41:20 AM 00000053 10523905

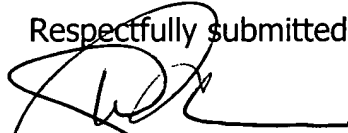
01 01/20/07 65.00 SP  
02 02/20/07 200.00 SP

In addition, attached hereto is a translation of the application into English, which translation is submitted as being true and accurate.

The referenced applicant is entitled to small entity status and it is therefore believed that no additional fees are due. However, please charge or credit any other fees that may be due or payable to our deposit account number **14-1437**. An additional copy of this letter is enclosed for that purpose.

Respectfully submitted,

By



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Stephen B. Parker  
Attorney for Applicants  
Registration No. 36,631  
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Suite 400 East Tower  
Washington, D.C. 20005  
Tel. 202-204-4733

Date: July 26, 2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

|                             |                       |                  |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/523,985                  | Tetsuji Zama          | 3103-110         |

28694  
NOVAK DRUCE & QUIGG, LLP  
1300 EYE STREET NW  
SUITE 400 EAST  
WASHINGTON, DC 20005



|                               |               |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. |               |
| PCT/JP03/10111                |               |
| LA. FILING DATE               | PRIORITY DATE |
| 08/08/2003                    | 08/09/2002    |

CONFIRMATION NO. 1325  
371 FORMALITIES LETTER  
\*OC000000016109609\*  
\*OC000000016109609\*

Date Mailed: 05/26/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/09/2005
- Copy of the International Search Report filed on 02/09/2005
- Copy of IPE Report filed on 02/09/2005
- Request for Immediate Examination filed on 02/09/2005
- U.S. Basic National Fees filed on 02/09/2005
- Priority Documents filed on 02/09/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$65 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$265 for a Small Entity:

- \$65 Late oath or declaration Surcharge.
- The application search fee has not been paid. Applicant must submit \$200 to complete the search fee.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

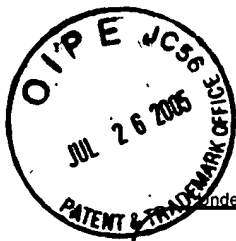
*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

**PART 2 - OFFICE COPY**

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/523,985                  | PCT/JP03/10111                | 3103-110         |



PTO/SB/21 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |                        |                     |
|---|------------------------|---------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/523,985          |
|   | Filing Date            | February 9, 2005    |
|   | First Named Inventor   | Tetsuji ZAWA et al. |
|   | Art Unit               | To be assigned      |
|   | Examiner Name          | To be assigned      |
| Total Number of Pages in This Submission  | Attorney Docket Number | 3103-110            |

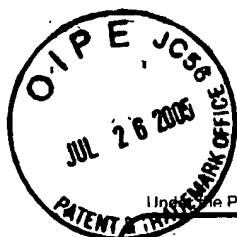
| ENCLOSURES (Check all that apply)  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to TC   |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences                      |
| <input type="checkbox"/> Amendment/Reply   | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)                  |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                                   | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                                   | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):                          |
| <input type="checkbox"/> Express Abandonment Request                                 | <input type="checkbox"/> Request for Refund   | Declaration, Recordation Cover Sheet; English Translation of Specification; and Credit Card Payment Form |
| <input type="checkbox"/> Information Disclosure Statement                            | <input type="checkbox"/> CD, Number of CD(s) _____                                      |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                      | <input type="checkbox"/> Landscape Table on CD  |  |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application               | Remarks   |  |
| <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                           |          |        |
|--|---------------------------|----------|--------|
| Firm Name                                  | Watchstone P+D            |          |        |
| Signature                                  |                           |          |        |
| Printed name                               | Steven B. Parker, Esquire |          |        |
| Date                                       | July 26, 2005             | Reg. No. | 36,631 |

| CERTIFICATE OF TRANSMISSION/MAILING   |  |      |  |
|---|--|------|--|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |  |      |  |
| Signature   |  |      |  |
| Typed or printed name   |  | Date |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 305.00

**Complete if Known**

|                      |                     |
|----------------------|---------------------|
| Application Number   | 10/523,985          |
| Filing Date          | February 9, 2005    |
| First Named Inventor | Tetsuji ZAWA et al. |
| Examiner Name        | To be assigned      |
| Art Unit             | To be assigned      |
| Attorney Docket No.  | 3103-110            |

**METHOD OF PAYMENT** (check all that apply)☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 14-1437 Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   | 200            |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

| Fee (\$) | Small Entity Fee (\$) |
|----------|-----------------------|
| 50       | 25                    |

Each independent claim over 3 (including Reissues)

|     |     |
|-----|-----|
| 200 | 100 |
|-----|-----|

Multiple dependent claims

|     |     |
|-----|-----|
| 360 | 180 |
|-----|-----|

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|----------|---------------|
| - 20 or HP = | x            | =        |               |

HP = highest number of total claims paid for, if greater than 20.

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|----------|---------------|
| - 3 or HP =   | x            | =        |               |

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| - 100 =      | / 50 =       | (round up to a whole number) x                   | =        |               |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): Declaration (\$65); Assignment (\$40)

105

**SUBMITTED BY**

|                   |                   |  |                          |
|-------------------|-------------------|--|--------------------------|
| Signature         |                   | Registration No. (Attorney/Agent) 36,631 | Telephone (202) 204-4733 |
| Name (Print/Type) | Stephen B. Parker |  | Date July 26, 2005       |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.